

[File 185] **Zoological Record Online(R)** 1978-2007/Feb  
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[File 357] **Derwent Biotech Res.** 1982-2007/Feb W1  
(c) 2007 The Thomson Corp. All rights reserved.

[File 369] **New Scientist** 1994-2007/Oct W5  
(c) 2007 Reed Business Information Ltd. All rights reserved.

[File 370] **Science** 1996-1999/Jul W3  
(c) 1999 AAAS. All rights reserved.

*\*File 370: This file is closed (no updates). Use File 47 for more current information.*

[File 391] **Beilstein Reactions** 2006/Q4  
(c) 2006 Beilstein GmbH. All rights reserved.

[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec  
(c) 2006 The Thomson Corp. All rights reserved.

[File 467] **ExtraMED(tm)** 2000/Dec  
(c) 2001 Informania Ltd. All rights reserved.

? s (karyotype or karyotyping or aneuploidy)

137376 KARYOTYPE  
59028 KARYOTYPING  
63558 ANEUPLOIDY

S1 236197 S (KARYOTYPE OR KARYOTYPING OR ANEUPLOIDY)

? s s1 and ((sequence (w) tag) or (nucleotide (w) tag) or (genomic (w) sequence (w) tag))  
Processing

236197 S1 3385874 SITE

3716907 SEQUENCE  
100547 TAG  
20892 SEQUENCE (W) TAG  
1426158 NUCLEOTIDE  
100547 TAG  
55 NUCLEOTIDE (W) TAG  
632225 GENOMIC  
3716907 SEQUENCE  
100547 TAG  
5 GENOMIC (W) SEQUENCE (W) TAG

S2 91 S S1 AND ((SEQUENCE (W) TAG) OR (NUCLEOTIDE (W) TAG) OR (GENOMIC (W) SEQUENCE (W) TAG))

? s s2 and ((restriction (w) endonuclease (w) recognition (w) site) or (restriction (w) endonuclease (w) recognition) or (restriction (w) enzyme (w) recognition (w) site) or (restrict 1504 RESTRICTION (W) ENZYME (W) SITE

S3 1 S S2 AND ((RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION (W) SITE) OR (RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION) OR (RESTRICTION (W) ENZYME (W) RECOGNITION (W) SITE) OR (RESTRICTION (W) ENZYME (W) SITE))

?  
?  
? t s3/medium

3/3/1 (Item 1 from file: 357) [Links](#)

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0343662 DBA Accession No.: 2004-15954 PATENT

**Digital karyotyping a genome of a test eukaryotic cell comprises isolating and enumerating short sequence tags from specific genomic loci and comparing the sequence tags to a genome of a reference cell using bioinformatics for human cancer cell karyotyping for use in disease diagnosis, therapy and genomics**

**Author:** WANG T; VELCULESCU V; KINZLER K; VOGELSTEIN B

**Patent Assignee:** UNIV JOHNS HOPKINS 2004

**Patent Number:** US 20040096892 **Patent Date:** 20040520 **WPI Accession No.:** 2004-389156 ( 200436 )

**Priority Application Number:** US 705874 **Application Date:** 20031113

**National Application Number:** US 705874 **Application Date:** 20031113

**Language:** English

? s s2 and (((test (w) cell) or (test (w) genome)) and ((reference (w) genome) or (reference(w) cell)))

Processing

Processing

Processing

Processing

Processing

91	S2
5288012	TEST
14722919	CELL
5337	TEST(W)CELL
5288012	TEST
871380	GENOME
245	TEST(W)GENOME
1251665	REFERENCE
871380	GENOME
315	REFERENCE(W)GENOME
1251665	REFERENCE
14722919	CELL
1385	REFERENCE(W).CELL

S4 0 S S2 AND (((TEST (W) CELL) OR (TEST (W) GENOME)) AND ((REFERENCE (W) GENOME) OR (REFERENCE(W) CELL)))

? S ((SEQUENCE (W) TAG) OR (NUCLEOTIDE (W) TAG) OR (GENOMIC (W) SEQUENCE (W) TAG))

Processing

3716907	SEQUENCE
100547	TAG
20892	SEQUENCE(W)TAG
1426158	NUCLEOTIDE
100547	TAG
55	NUCLEOTIDE(W)TAG
632225	GENOMIC
3716907	SEQUENCE
100547	TAG
5	GENOMIC(W)SEQUENCE(W)TAG

S5 20945 S ((SEQUENCE (W) TAG) OR (NUCLEOTIDE (W) TAG) OR (GENOMIC (W) SEQUENCE (W) TAG))

? S S5 AND ((RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION (W) SITE) OR (RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION) OR (RESTRICTION (W) ENZYME (W) RECOGNITION (W) SITE) OR (RESTRICTION (W) ENZYME (W) SITE))

Processing

Processing

20945	S5
738752	RESTRICTION
124682	ENDONUCLEASE
1167714	RECOGNITION
3385874	SITE
266	RESTRICTION(W)ENDONUCLEASE(W)RECOGNITION(W)SITE
738752	RESTRICTION
124682	ENDONUCLEASE
1167714	RECOGNITION
686	RESTRICTION(W)ENDONUCLEASE(W)RECOGNITION
738752	RESTRICTION
4477283	ENZYME
1167714	RECOGNITION
3385874	SITE
249	RESTRICTION(W)ENZYME(W)RECOGNITION(W)SITE
738752	RESTRICTION
4477283	ENZYME

3385874 SITE  
 1504 RESTRICTION(W)ENZYME(W)SITE  
 S6 15 S S5 AND ((RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION (W) SITE) OR  
 (RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION) OR (RESTRICTION (W) ENZYME (W) RECOGNITION  
 (W) SITE) OR (RESTRICTION (W) ENZYME (W) SITE))

?  
 ? rd  
 >>>W: Duplicate detection is not supported for File 391.  
 Records from unsupported files will be retained in the RD set.  
 S7 15 RD (UNIQUE ITEMS)

? S S7 AND (((TEST (W) CELL) OR (TEST (W) GENOME)) AND ((REFERENCE (W) GENOME) OR  
 (REFERENCE(W) CELL)))

Processing  
 Processing  
 Processing  
 Processing

15 S7  
 5288012 TEST  
 14722919 CELL  
 5337 TEST(W)CELL  
 5288012 TEST  
 871380 GENOME  
 245 TEST(W)GENOME  
 1251665 REFERENCE  
 871380 GENOME  
 315 REFERENCE(W)GENOME  
 1251665 REFERENCE  
 14722919 CELL  
 1385 REFERENCE(W)CELL  
 S8 0 S S7 AND (((TEST (W) CELL) OR (TEST (W) GENOME)) AND ((REFERENCE (W)  
 GENOME) OR (REFERENCE(W) CELL)))

? S s8 and (KARYOTYPE OR KARYOTYPING OR ANEUPLOIDY)

0 S8  
 137376 KARYOTYPE  
 59028 KARYOTYPING  
 63558 ANEUPLOIDY  
 S9 0 S S8 AND (KARYOTYPE OR KARYOTYPING OR ANEUPLOIDY)

? s s7 not pd>021115  
 Processing  
 >>>W: One or more prefixes are unsupported  
 or undefined in one or more files.

15 S7  
 12815880 PD>021115  
 S10 5 S S7 NOT PD>021115

? t s10/medium/all

10/3/1 (Item 1 from file: 357) [Links](#)

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0306460 DBA Accession No.: 2003-08245 PATENT

**Producing hybrid single-stranded DNA for genomic analysis, comprises producing outer and inner amplicons  
 by nested polymerase chain reaction using primers that hybridize to the DNA, then forming ligatable and  
 sequencing structures for use in genomics**

**Author:** CHEN X

**Patent Assignee:** UNIV VIRGINIA COMMONWEALTH 2002

**Patent Number:** WO 200290505 **Patent Date:** 20021114 **WPI Accession No.:** 2003-111964 ( 200310 )

**Priority Application Number:** US 289514 **Application Date:** 20010509

**National Application Number:** WO 2002US14431 **Application Date:** 20020509

**Language:** English

10/3/2 (Item 2 from file: 357) Links

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0299833 DBA Accession No.: 2003-01617 PATENT

Novel isolated nucleic acid molecules encoding NL4 TIE ligand homologue polypeptides which are useful for inducing vascularization for wound healing and treating ischemic condition of the heart or a limb  
vector-mediated protein-tyrosine-kinase, immunoglobulin and epidermal growth factor ligand gene transfer  
useful for gene therapy

Author: GODOWSKI P; GURNEY A; HILLAN K J; BOTSTEIN D; GODDARD A; ROY M; FERRARA N;  
TUMAS D; SCHWALL R

Patent Assignee: GENENTECH INC 2002

Patent Number: US 6413770 Patent Date: 20020702 WPI Accession No.: 2002-641562 ( 200269 )

Priority Application Number: US 136801 Application Date: 19980819

National Application Number: US 136801 Application Date: 19980819

Language: English

10/3/3 (Item 3 from file: 357) [Links](#)

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0285969 DBA Accession No.: 2002-07816 PATENT

Simultaneous sequence-specific identification and separation of polynucleotide fragments, comprises using restriction endonucleases that recognize degenerate bases in their recognition/cleavage sequence, useful in DNA fingerprinting restriction enzyme, vector expression in host cell, gel electrophoresis and polymerase chain reaction useful disease diagnosis and mutation detection

Author: LI B; WANG X; SHI L

Patent Assignee: SYNGENTA PARTICIPATIONS AG 2002

Patent Number: WO 200202805 Patent Date: 20020110 WPI Accession No.: 2002-106604 ( 200214 )

Priority Application Number: US 215596 Application Date: 20000630

National Application Number: WO 2001EP7469 Application Date: 20010629

Language: English

10/3/4 (Item 4 from file: 357) Links

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0267173 DBA Accession No.: 2001-06927 PATENT

**Generating first strand cDNAs from mRNA sample for generating cDNA libraries enriched for 5' sequences by hybridizing mRNA with primer oligonucleotides, synthesizing cDNAs and separating unbound primer molecules**

**- generating cDNA library using polymerase chain reaction**

**Author:** Kretschmer P J; Luke M M; van Heut P T; Xu Y

**Corporate Source:** Richmond, CA, USA.

**Patent Assignee:** Berlex 2001

**Patent Number:** WO 200109310 **Patent Date:** 20010208 **WPI Accession No.:** 2001-182952 ( 2018 )

**Priority Application Number:** US 628178 **Application Date:** 20000728

**National Application Number:** WO 2000US20541 **Application Date:** 20000728

**Language:** English



10/3/5 (Item 5 from file: 357) [Links](#)

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0215496 DBA Accession No.: 97-10617

**PCR synthesis of cDNA from total RNA**

**- reverse transcription-polymerase chain reaction**

**Author:** Shepard S B; Cooper A G

**Corporate Affiliate:** Faulkner-Hosp.Jamaica-Plain

**Corporate Source:** Pathology Department, Faulkner Hospital, 1153 Centre Street, Jamaica Plain, MA 02130, USA.

email:sshepard@tiac.net

**Journal:** BioTechniques ( 23, 2, 202,204 ) 1997

**ISSN:** 0736-6205 **CODEN:** BTNQDO

**Language:** English

? S ((SEQUENCE (W) TAG) OR (NUCLEOTIDE (W) TAG) OR (GENOMIC (W) SEQUENCE (W) TAG)) and  
 ((count or enumerate or tabulate) with (tags or pieces or probes))

>>>W: Invalid syntax

>>>E: There is no result

? S ((SEQUENCE (W) TAG) OR (NUCLEOTIDE (W) TAG) OR (GENOMIC (W) SEQUENCE (W) TAG)) and  
 ((count or enumerate or tabulate) (3n) (tags or pieces or probes))

Processing

3716907 SEQUENCE  
 100547 TAG  
 20892 SEQUENCE(W)TAG  
 1426158 NUCLEOTIDE  
 100547 TAG  
 55 NUCLEOTIDE(W)TAG  
 632225 GENOMIC  
 3716907 SEQUENCE  
 100547 TAG  
 5 GENOMIC(W)SEQUENCE(W)TAG  
 643577 COUNT  
 9003 ENUMERATE  
 2093 TABULATE  
 56346 TAGS  
 107637 PIECES  
 478014 PROBES

263 ((COUNT OR ENUMERATE) OR TABULATE) (3N) ((TAGS OR PIECES) OR PROBES)

S11 0 S ((SEQUENCE (W) TAG) OR (NUCLEOTIDE (W) TAG) OR (GENOMIC (W) SEQUENCE (W)  
 TAG)) AND ((COUNT OR ENUMERATE OR TABULATE) (3N) (TAGS OR PIECES OR PROBES))

? s (dimer or ditag) and (eukaryot?2 (s) (genome or genomic))

224863 DIMER  
 105 DITAG  
 0 EUKARYOT?2  
 871380 GENOME  
 632225 GENOMIC  
 0 EUKARYOT?2(S) (GENOME OR GENOMIC)

S12 0 S (DIMER OR DITAG) AND (EUKARYOT?2 (S) (GENOME OR GENOMIC))

? S (DIMER OR DITAG) AND ((EUKARYOTic or eukaryote) (S) (GENOME OR GENOMIC))

224863 DIMER  
 105 DITAG  
 552901 EUKARYOTIC  
 35585 EUKARYOTE  
 871380 GENOME  
 632225 GENOMIC  
 30010 (EUKARYOTIC OR EUKARYOTE) (S) (GENOME OR GENOMIC)

S13 203 S (DIMER OR DITAG) AND ((EUKARYOTIC OR EUKARYOTE) (S) (GENOME OR GENOMIC))

? S s13 and (((SEQUENCE (W) TAG) OR (NUCLEOTIDE (W) TAG) OR (GENOMIC (W) SEQUENCE (W)  
 TAG)) AND ((COUNT OR ENUMERATE OR TABULATE) (3N) (TAGS OR PIECES OR PROBES)))

Processing

203 S13  
 3716907 SEQUENCE  
 100547 TAG  
 20892 SEQUENCE(W)TAG  
 1426158 NUCLEOTIDE  
 100547 TAG  
 55 NUCLEOTIDE(W)TAG  
 632225 GENOMIC  
 3716907 SEQUENCE  
 100547 TAG

5 GENOMIC (W) SEQUENCE (W) TAG  
 643577 COUNT  
 9003 ENUMERATE  
 2093 TABULATE  
 56346 TAGS  
 107637 PIECES  
 478014 PROBES  
 263 ((COUNT OR ENUMERATE) OR TABULATE) (3N) ((TAGS OR PIECES) OR PROBES)  
 S14 0 S S13 AND (((SEQUENCE (W) TAG) OR (NUCLEOTIDE (W) TAG) OR (GENOMIC (W) SEQUENCE (W) TAG)) AND ((COUNT OR ENUMERATE OR TABULATE) (3N) (TAGS OR PIECES OR PROBES)))

? d s

Set	Items	Description
S1	236197	S (KARYOTYPE OR KARYOTYPING OR ANEUPLOIDY)
S2	91	S S1 AND ((SEQUENCE (W) TAG) OR (NUCLEOTIDE (W) TAG) OR (GENOMIC (W) SEQUENCE (W) TAG))
S3	1	S S2 AND ((RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION (W) SITE) OR (RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION) OR (RESTRICTION (W) ENZYME (W) RECOGNITION (W) SITE) OR (RESTRICTION (W) ENZYME (W) SITE))
S4	0	S S2 AND (((TEST (W) CELL) OR (TEST (W) GENOME)) AND ((REFERENCE (W) GENOME) OR (REFERENCE (W) CELL)))
S5	20945	S ((SEQUENCE (W) TAG) OR (NUCLEOTIDE (W) TAG) OR (GENOMIC (W) SEQUENCE (W) TAG))
S6	15	S S5 AND ((RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION (W) SITE) OR (RESTRICTION (W) ENDONUCLEASE (W) RECOGNITION) OR (RESTRICTION (W) ENZYME (W) RECOGNITION (W) SITE) OR (RESTRICTION (W) ENZYME (W) SITE))
S7	15	RD (unique items)
S8	0	S S7 AND (((TEST (W) CELL) OR (TEST (W) GENOME)) AND ((REFERENCE (W) GENOME) OR (REFERENCE (W) CELL)))
S9	0	S S8 AND (KARYOTYPE OR KARYOTYPING OR ANEUPLOIDY)
S10	5	S S7 NOT PD>021115
S11	0	S ((SEQUENCE (W) TAG) OR (NUCLEOTIDE (W) TAG) OR (GENOMIC (W) SEQUENCE (W) TAG)) AND ((COUNT OR ENUMERATE OR TABULATE) (3N) (TAGS OR PIECES OR PROBES))
S12	0	S (DIMER OR DITAG) AND (EUKARYOT?2 (S) (GENOME OR GENOMIC))
S13	203	S (DIMER OR DITAG) AND ((EUKARYOTIC OR EUKARYOTE) (S) (GENOME OR GENOMIC))
S14	0	S S13 AND (((SEQUENCE (W) TAG) OR (NUCLEOTIDE (W) TAG) OR (GENOMIC (W) SEQUENCE (W) TAG)) AND ((COUNT OR ENUMERATE OR TABULATE) (3N) (TAGS OR PIECES OR PROBES)))

?